

# Hortonworks Data Platform

## Ambari Release Notes

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## Hortonworks Data Platform : Ambari Release Notes

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# 1. Release Notes Ambari - 2.0.2

The Ambari 2.0.2 Maintenance Release introduces no new features or behavioral changes.

See the following sections for:

- [Patch Information](#)
- [Known Issues](#)
- [Fixed Issues](#)

## 1.1. Patch Information

Ambari 2.0.2 is based on Apache Ambari 2.0.2 and does not require any additional Apache patches to match the Apache code base. Hortonworks' philosophy is to provide patches only when absolutely necessary to assure inter-operability of the components. Unless you are explicitly directed by Hortonworks Support to take a patch update, Ambari 2.0.2 needs to remain at this package version level to ensure a certified and supported copy of Ambari 2.0.2.

## 1.2. Known Issues

Ambari 2.0.2 has the following known issues, scheduled for resolution in a future release.

**Table 1.1. Ambari 2.0.2 Known Issues**

Apache Jira	HWX Jira	Problem
	BUG-42062	Ambari can potentially force NameNode to leave safemode when NameNode starts. This can occur in two cases: st commands are run and NameNode is still waiting for the block reports to come in. The failures can happen during
	BUG-42067	Hive Shell fails to load with the following error:  Caused by: java.io.FileNotFoundException: File does not exist: /hdp/apps/2.2.6.0-2800/tez/tez.tar
	BUG-38333	After upgrading to Ambari 2.0.1, on Ambari Server start, the database is checked for consistency. Ambari Server fa upgraded from HDP 2.0 or HDP 2.1 to HDP 2.2 where Storm REST API component has been removed. As part of the Server will fail to start.  30 May 2015 10:32:36,738 ERROR [main] AmbariServer:667 - Failed to run the Ambari Server org.apache.ambari.server.StackAccessException: Stack data, stackName=HDP, stackVersion=2.2, servic
	BUG-35925	When using non-root Ambari Agents, enabling the Ranger Plugins will cause their associated services to fail to start
	BUG-34437	HDP 2.2 Stack shows the Spark service version as 1.2.0 incorrectly.
	BUG-34195	After performing Ambari Agent upgrade, custom host name configuration is not preserved.
	BUG-33767	After upgrading to Ambari 2.0, HiveServer2 fails to start if you have databases with a LOCATION that is outside of
AMBARI-10461	BUG-33568	Spark History Server does not start with non-root agent. When using non-root Ambari Agents, the Spark History Se

Apache Jira	HWX Jira	Problem
	BUG-3355	With a Kerberos-enabled cluster that includes Storm, in Ambari Web > Services > Storm, the Summary values for SL... 13:32:41,288 ERROR [pool-2-thread-362] AppCookieManager:122 - SPNego authentication failed, can not get had...
	BUG-3351	Ranger service cannot be installed in a cluster via Blueprints API.
	BUG-3347	The Oozie service check fails because the host from which the service check is running is not authorized to connect...
	BUG-3344	When running on Ambari in an environment that has umask 027 and running Ambari Server with a non-root sudo... died with exitcode 255. Check /var/log/ambari-server/ambari-server.out for more information. root@ip-10-237-169... 13:09:09,296 ERROR [main] AmbariServer:690 - Failed to run the Ambari Server java.lang.NoClassDefFoundError: C...
	BUG-3341	On Ubuntu, when attempting to perform automated host registration via SSH, and if your target hosts are set with...
	BUG-3321	After enabling Kerberos on your cluster that includes the Hive Service, if you add additional Hive Metastore instan...
	BUG-3320	After disabling Kerberos, Storm service check fails with the following error: 604 [main] WARN org.apache.storm.cu... backtype.storm.utils.StormBoundedExponentialBackoffRetry - The baseSleepTimeMs [2000] the maxSleepTimeMs [2000]... - Misconfiguration: the baseSleepTimeMs [2000] can't be greater than the maxSleepTimeMs [5]. Exception in threa... backtype.storm.StormSubmitter.topologyNameExists(StormSubmitter.java:308) at backtype.storm.StormSubmitte...
AMBARI-10094	BUG-3320	After enabling Kerberos, the Ambari Principal and Keytab configuration show in Ambari Web and are editable. Th...
	BUG-3311	After enabling Kerberos, HDFS start service fails with error: Fail: Execution of ' -kt /etc/security/keytabs/hdfs.headl...
AMBARI-10080	BUG-3285	After adding an additional instance of the HiveServer2 component, if you already have multiple Hive Metastore ins... Metastore instances which does not effectively change the property, but because the order changes, the config is c...
AMBARI-9978	BUG-3285	After the host register, the Next button does not enable to continue with the wizard.
	BUG-3277	After upgrading to Ambari 2.0 but before removing Ganglia (and adding Ambari Metrics), if you cluster does not i...
	BUG-3274	After upgrading to HDP 2.2, if you cluster includes the Storm service, an alert will display for the Storm REST API Se...
	BUG-3273	After upgrading an HDP 2.1 cluster to HDP 2.2, if your cluster includes Hive and is using Oracle for the Metastore d... ORA-00955: name is already used by an existing object (state=42000,code=955) Warning in pre-upgrade script pre-

Apache Jira	HWX Jira	Problem
	BUG-32554	If you use a Base URL with a : but no port number, validation will pass but during install, yum will fail when attempting to correct the Base URL, Agent registration fails due to the invalid Base URL.
	BUG-32381	If using an Agent non-root configuration, if you attempt to register hosts automatically using SSH, the Agent registration fails.
	BUG-32310	If your cluster includes Spark service, the Download Client Configs option from the Service Actions menu fails with an error.
	BUG-32284	When adding client-only services to a cluster (using Add Service), Ambari does not automatically install dependent services.
	BUG-32265	When using HDP 2.1 and Ambari 2.0, if you customize the Storm Service log directory during cluster install, the directory is not updated.
	BUG-32173	If cluster install fails and you attempt to install again, if you included Hive and chose to have Ambari install a MySQL server.log, you'll see a message: Found non removable hostcomponent when trying to delete service component, component not found.
	BUG-32071	If you enable Kerberos on a cluster that includes Ranger, with the HBase plugin enabled, during the enable-Kerberos process, the Ranger plugin is overwritten.
	BUG-31780	After enabling Kerberos, services fail to start due to kinit not being in default paths (such as /usr/bin/) on the host.
	BUG-31217	If your directory contains > 1000 users, attempts to sync-ldap users and groups to Ambari will fail. There is a limit on the number of users that can be synced.
	BUG-31144	Storm secure configuration has to be manually configured - Following configurations are not editable in Ambari: nio.config.dir, nio.config.dir, nio.config.dir, nio.config.dir.
AMBARI-9934	BUG-30948	After registering a version in Ambari and attempting to install the version on cluster hosts, the registered version is not installed.
	BUG-30921	The Ganglia Service is no longer available with Ambari for metrics collection. Although if you use a blueprint that contains the service, it is not installed.
	BUG-30779	After deploying a cluster that includes Hive using a blueprint, the property hive_dbroot appears in the Hive Configuration page.
	BUG-30480	After upgrading to Ambari 2.0 and switching to Ambari Metrics (from Ganglia) for metrics collection, Storm metrics collection is not working.
	BUG-30278	After configuring alert notifications (email or snmp), or when mapping a notification to an alert group, when alert notifications are sent, the notification is not received.

## 1.3. Fixed Issues

The following table lists selected issues resolved in Ambari 2.0.2:

**Table 1.2. Ambari 2.0.2 Fixed Issues**

Apache Jira	HWX Jira	Feature Area	Summary
<a href="#">AMBARI-12511</a>	BUG-41469	Ambari Web	Oozie HA: Ambari quick link is not correct.
<a href="#">AMBARI-12491</a>	BUG-38022	Stack > Ranger	Ranger usersync bind password is not hidden.
<a href="#">AMBARI-12490</a>	BUG-36869	Stack > Ranger	Ranger plugin enable script in ambari tries to create amb_ranger_admin user even if it already exists
<a href="#">AMBARI-12230</a>	BUG-41379	Stack > Upgrade	During HDP 2.1 to 2.2.6 upgrade dfs.journalnode.edits.dir is incorrectly changed.
<a href="#">AMBARI-12122</a>	BUG-40159	Ambari Web	BE-issue with auto-update of HDP.repo with default baseurl.
<a href="#">AMBARI-11744</a>	BUG-38915	Performance	Ambari Server deadlocks when adding service / adding host.
<a href="#">AMBARI-11658</a>	BUG-40114	Ambari Web	Add Service Wizard resets local hdp repo to public repo.
<a href="#">AMBARI-11506</a>	BUG-40214	Performance	Heartbeats are often lost during deploy.
<a href="#">AMBARI-10904</a>	BUG-41628	Performance	AMS Causes Two Active ResourceManagers
<a href="#">AMBARI-10470</a>	BUG-40241	Alerts	Alert Notifications : save button is disabled when creating alert notification.

Apache Jira	HWX Jira	Feature Area	Summary
<a href="#">AMBARI-12613</a>	BUG-41648	Security	Access to admin level functionality must be authorized for the REST API

The following table lists selected issues resolved in Ambari 2.0.1:

**Table 1.3. Ambari 2.0.1 Fixed Issues**

Apache Jira	HWX Jira	Feature Area	Summary
<a href="#">AMBARI-11249</a>	BUG-27127	Ambari Web	Updated spinner
<a href="#">AMBARI-11194</a>	BUG-36943	Stack > General	Stack advisor fails for larger clusters
<a href="#">AMBARI-11145</a>	BUG-36759	Ambari Web	Admin View: About says Ambari 2.0.0, but it's 2.0.1
<a href="#">AMBARI-11143</a>	BUG-36741	Ambari Upgrade	Upgrade 2.0.0 > 2.0.1 on Ubuntu 12 - commands failures
<a href="#">AMBARI-11116</a>	BUG-36656	Rolling Upgrade	Upgrade to 2.0.1, unable to RU (can't get past Installing...)
<a href="#">AMBARI-11104</a>	BUG-36643	Ambari Upgrade	Upgrade 2.0.0->2.0.1 on Oracle database failed
<a href="#">AMBARI-11083</a>	BUG-36348	Alerts	Upgrade 1.6.1 > 2.0.1: Nagios not removed
<a href="#">AMBARI-11063</a>	BUG-36340	Ambari Upgrade	Cannot upgrade Ambari 2.0 > 2.0.1 on SLES 11.3
<a href="#">AMBARI-11045</a>	BUG-36433	Views	IllegalStateException: work already begun on this thread
<a href="#">AMBARI-11039</a>	BUG-36358	Rolling Upgrade	RU: wrong version of tez.tar.gz uploaded to HDFS
<a href="#">AMBARI-11026</a>	BUG-36282	Alerts	Alerts: do not expose subject + body for SNMP traps
<a href="#">AMBARI-11019</a>	BUG-34364	Metrics	AMS config warning message is confusing
<a href="#">AMBARI-11018</a>	BUG-36173	Ambari Web	Unable to register host with non-root ssh user
<a href="#">AMBARI-11000</a>	BUG-36255	Ambari Upgrade	Cannot start ambari-server after Ambari-only upgrade to 2.0.1
<a href="#">AMBARI-10965</a>	BUG-36184	Views	Views: ViewContext is not injecting
<a href="#">AMBARI-10959</a>	BUG-36179	Performance	Reduce time between ActionScheduler wake-ups
<a href="#">AMBARI-10955</a>	BUG-35936	Stack > General	Remove <latest> element from gluster 2.1 and 2.2 stack definitions
<a href="#">AMBARI-10913</a>	BUG-36021	Views	404 error on Slider view
<a href="#">AMBARI-10897</a>	BUG-34813	Stack > Spark	Spark version is incorrect in the HDP 2.2 stack
<a href="#">AMBARI-10841</a>	BUG-36238	Ambari Upgrade	If selinux is disabled via /etc/selinux/config, cluster deployment fails
<a href="#">AMBARI-10829</a>	BUG-35938	Stack > YARN	ATS heapsize does not take effect
<a href="#">AMBARI-10809</a>	BUG-34358	Metrics	AMS: navigating graph time ranges are not correct
<a href="#">AMBARI-10786</a>	BUG-35943	Ambari Upgrade	Renaming of ambari-sequences.sequence_value handled inappropriately during upgrade
<a href="#">AMBARI-10771</a>	BUG-35944	Ambari Upgrade	Agent upgrade loses custom hostname config
<a href="#">AMBARI-10762</a>	BUG-35244	Ambari Upgrade	Ambari 1.7.0 > 2.0 upgrade fails due to failure to upgrade properties file
<a href="#">AMBARI-10748</a>	BUG-35574	Views	Views: IllegalAccessError: tried to access class
<a href="#">AMBARI-10742</a>	BUG-35247	Rolling Upgrade	RU: HiveServer2 restart fails, -deregister exit code 255
<a href="#">AMBARI-10706</a>	BUG-34779	Manual Upgrade	UPGRADE: Update UpgradeCatalog.*ison files for stacks HDP 2.0 to 2.2.x and HDP 2.1 to 2.2.x
<a href="#">AMBARI-10665</a>	BUG-34363	Ambari Upgrade	Internal Exception: org.postgresql.util.PSQLException: ERROR: column "config_attributes" does not exist

Apache Jira	HWX Jira	Feature Area	Summary
<a href="#">AMBARI-10575</a>	BUG-35021	Rolling Upgrade	RU: Oozie upgrade fails when using Oracle DB
<a href="#">AMBARI-10566</a>	BUG-34369	Ambari Upgrade	Ambari upgrade from 1.7.0 to 2.0 fails to restart ZooKeeper server due to missing symlink
<a href="#">AMBARI-10507</a>	BUG-34820	Security	Local root user's group is being assigned to hadoop
<a href="#">AMBARI-10467</a>	BUG-34657	Ambari Upgrade	UPGRADE: DUE TO CHANGES IN AMBARI API, some response validations should be allowed with a warning message
<a href="#">AMBARI-10464</a>	BUG-34811	Alerts	Ambari Agent holding socket open on 50070 prevents NameNode from starting
<a href="#">AMBARI-10456</a>	BUG-35246	Performance	Ambari Server deadlock when mapping hosts
<a href="#">AMBARI-10452</a>	BUG-34386	Kerberos	Ambari unable to start services use non-default kinit_path_local
<a href="#">AMBARI-10440</a>	BUG-34372	Manual Upgrade	Client-only services need restart to advertise version
<a href="#">AMBARI-10405</a>	BUG-35945	Performance	Some service components are missing from API response; this causes problems
<a href="#">AMBARI-10360</a>	BUG-34356	Stack > Hive	When databases exist with LOCATIONs outside of hive.metastore.warehouse.dirs, HS2 fails to start
<a href="#">AMBARI-10331</a>	BUG-34812	Rolling Upgrade	BE issue: installation repo version is stuck in INSTALLING after sudden server restart
<a href="#">AMBARI-10323</a>	BUG-34370	Alerts	Alerts: Hive Metastore and HS2 process alerts do not work with custom smoke user
<a href="#">AMBARI-10299</a>	BUG-34365	Alerts	Unable to save SNMPv1 and SNMPv2c notification
<a href="#">AMBARI-10297</a>	BUG-34367	Ambari Web	Hosts List Actions list always shows one more than what is selected
<a href="#">AMBARI-10276</a>	BUG-34371	Ambari Web	When host agent registration fails, Retry button is missing
<a href="#">AMBARI-10266</a>	BUG-34357	Kerberos	Cannot enable Kerberos with Ambari server running non-root
<a href="#">AMBARI-10256</a>	BUG-35946	Stack > HBase	Unable to delete HBase Master
<a href="#">AMBARI-10095</a>	BUG-34362	Stack > Hive	HiveServer2 does not install/start when running without sudo
<a href="#">AMBARI-10053</a> , <a href="#">AMBARI-10447</a>	BUG-34361	Kerberos	The path(s) to the Kerberos utilities (kadmin, klist, etc.) should be configurable
<a href="#">AMBARI-9823</a>	BUG-34359	Alerts	Alert notifications are not received without restarting Ambari Server
<a href="#">AMBARI-9649</a>	BUG-34360	Stack > Storm	.log files are not placed in the changed directory in Ambari 1.6 and 1.7
<a href="#">AMBARI-8320</a>	BUG-32250	Manual Upgrade	configs.sh doConfigFileUpdate files when multiple occurrences of the word "properties" are found
<a href="#">AMBARI-4626</a>	BUG-36875	Stack > YARN	"Capacity Scheduler" section in Ambari 2.0 does not allow spaces in properties